

## METHOD AND APPARATUS FOR CORRECTING AIRFOIL TWIST

### ABSTRACT OF THE DISCLOSURE

5 A system for correcting twist in airfoil components includes a  
first fixture assembly for holding a first end of an airfoil component and a  
second fixture assembly for holding a second end of the airfoil component. A  
rotary drive unit is provided for rotating the first fixture assembly. A gage is  
included for measuring twist angle in the airfoil component, and a controller  
controls the rotary drive unit in response to input from the gage to twist the  
airfoil component. In operation, the airfoil component's twist angle measured  
by the gage is fed to the controller. The controller computes how much the  
airfoil component needs to be twisted to achieve a desired twist angle, and  
10 the first fixture assembly is then rotated sufficiently to twist the airfoil  
component to the desired twist angle.